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TRICHINELLA PTS IN SERBIA AND SOUTHEASTERN EUROPE

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Introduction: In some southeastern Europe (SEE) Trichinellosis is one of the most important foodborne zoonotic diseases. The first report of swine infection was in 1918 in Serbia. Detection of Trichinella presence was initially made at slaughter by trichinoscopy. From 1984 artificial digestion was adopted for use in Serbia in preventing human trichinellosis. Modern pork production systems, implemented control measures, artificial digestion method have eliminated farm pork as a source for Trichinellosis. All participants successfully passed the testing. Next Serbian PTs were in 2021 and 2022. Control of Trichinella QA system in veterinary subjects testing for Trichinella presence in meat samples and regularly participation in PTs are needed to achieve safe food for consumers.

Methods: National reference laboratories for Trichinellosis (NRLT) from Serbia and Southeastern European countries participate regularly in PT organized by EURLP, Rome. For the first time in Serbia proficiency test (PT) for the detection of Trichinella larvae in meat by Magnetic Stirrer Method (MSM) was organized in 2017

Results: All participants successfully passed the testing. Next Serbian PTs were in 2021 and 2022.

Conclusions: Control of Trichinella QA system in veterinary subjects testing for Trichinella presence in meat samples and regularly participation in PTs are needed to achieve safe food for consumers.

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